

# Traffic Information on the Internet

By

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Washington State Transportation  
Center (TRAC)

# Traffic Information

- Different users want different information
  - General Public
  - Professionals

# General Public Information Needs

- Real Time Conditions
- Planning Data
  - Traffic volumes
  - Facility performance (outreach)

Traffic Conditions as of: Aug 21, 2000 2:19:19 PM



## WebFLOW

If you use these maps frequently to help plan your commute, download [WebFLOW](#) for quicker and easier access.

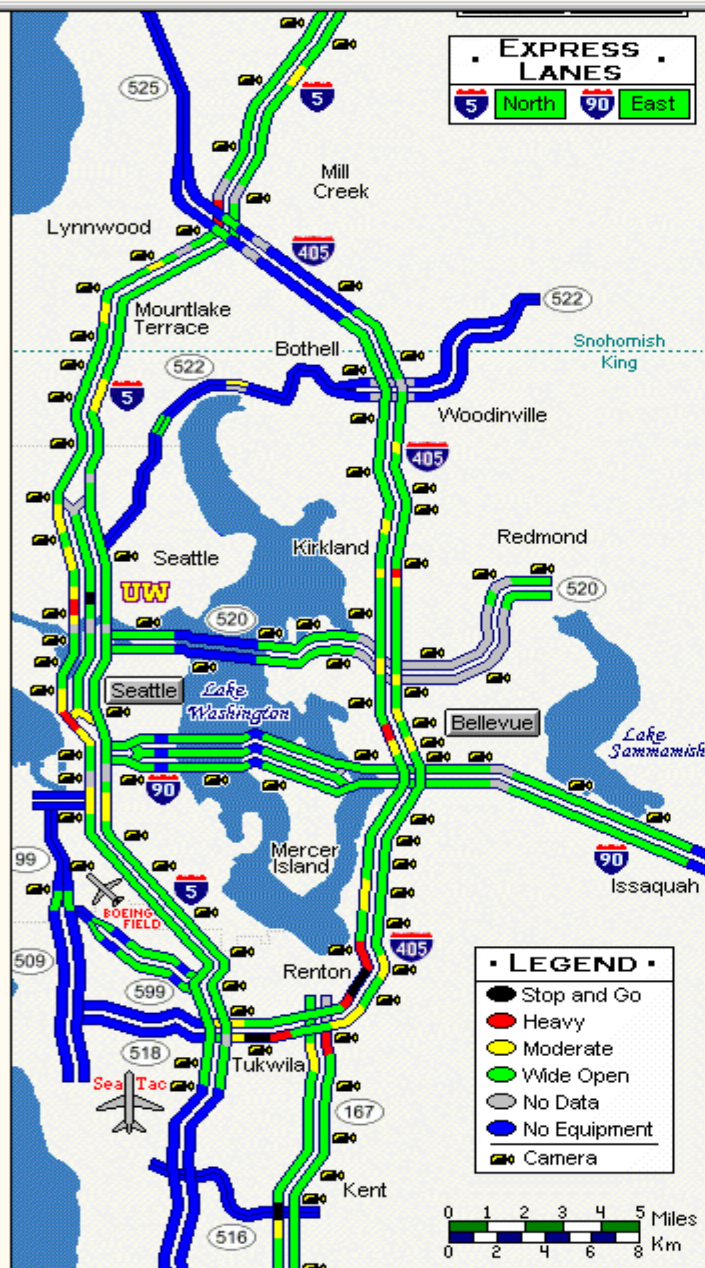
- Sept 30, 1999: New Maps are now available.
- Jul 12, 2000: [New Palm version added!](#)

## Telephone Traffic Reports

Current traffic reports are also available over the phone!

206-DOT-HIWW  
(206-368-4499).

## PUGET SOUND TRAFFIC CAMERAS

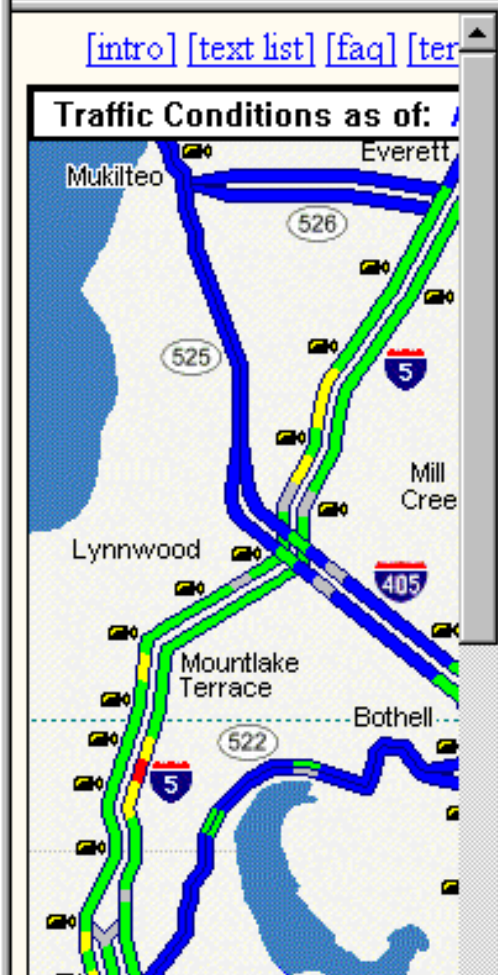


Welcome to the Puget Sound Area Traffic Cameras page brought to you by the Northwest Region of the Washington State Department of Transportation. Here, you can view images from cameras located along many of the major freeways in the Puget Sound area. Each image is about 18KB in size and should be updated every 1.5 minutes.

To view a particular snapshot, click on the camera icon (if using the clickable map), or the camera number (if using the text list).

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[Our Terms of Use](#)





*The timestamp on the image uses Pacific Time. With newer browsers, this image will automatically reload in 1.5 minutes.*

[Which way is the camera pointing?](#)



# Real-Time Traveler Information

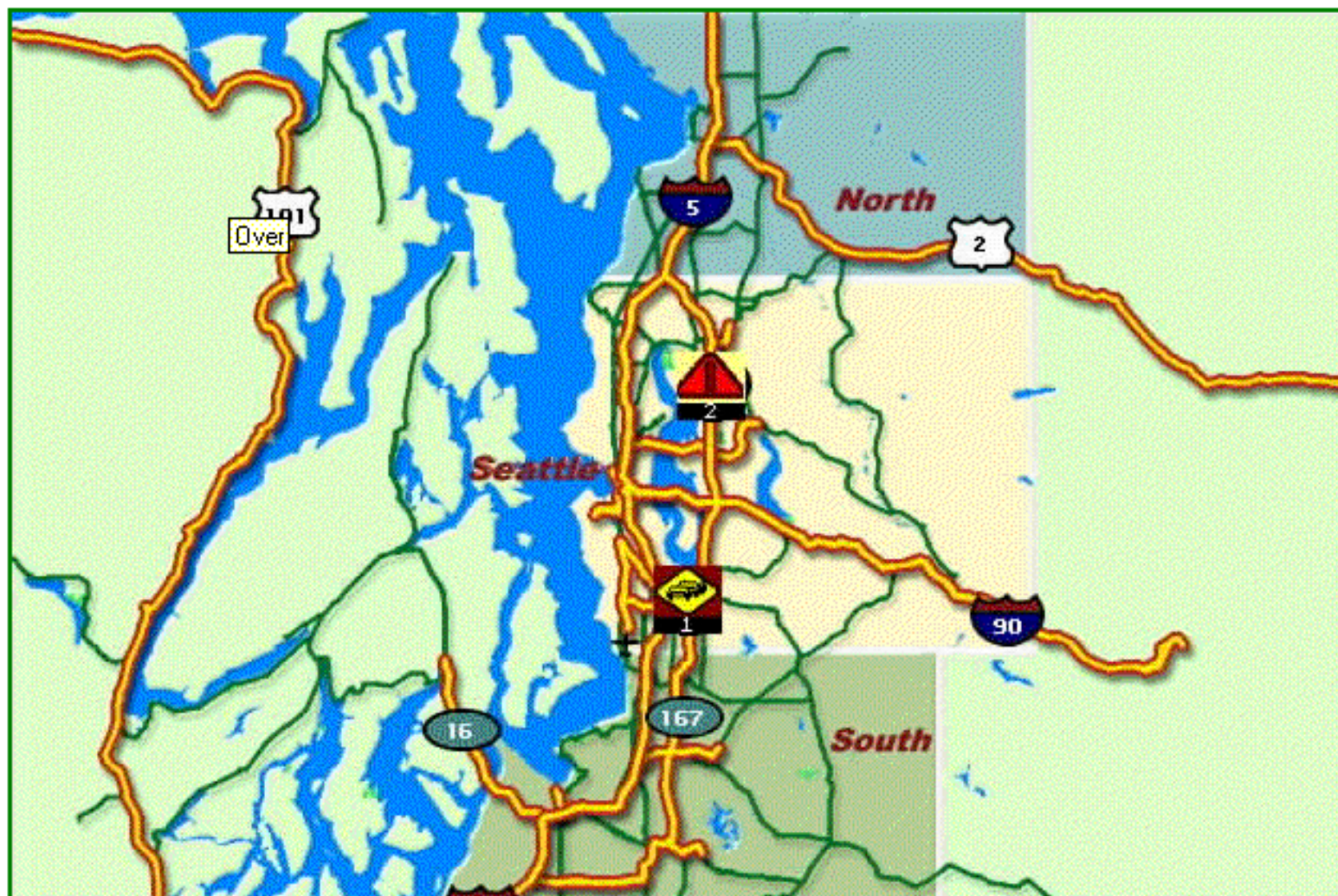
[South](#)

[North](#)

[Central Seattle](#)

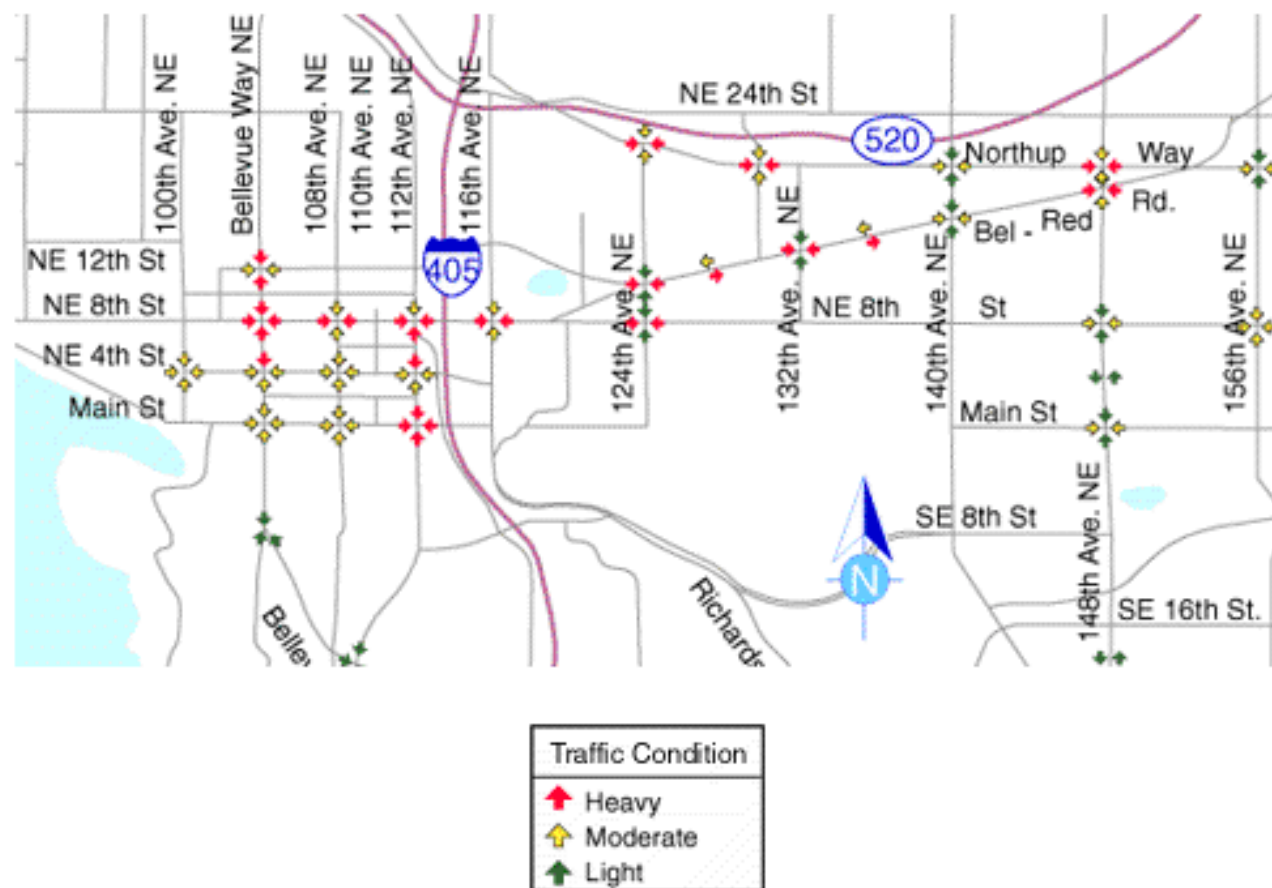
[Smart Trek](#)

Incident Overview (Updated: MON, AUG. 21, 2:25PM PDT) ▼



B. This figure shows traffic levels for each approach at an intersection, with traffic direction indicated by an arrow (see arrows).

This format is  for making travel decisions.



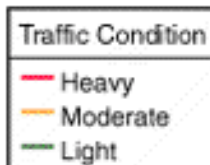
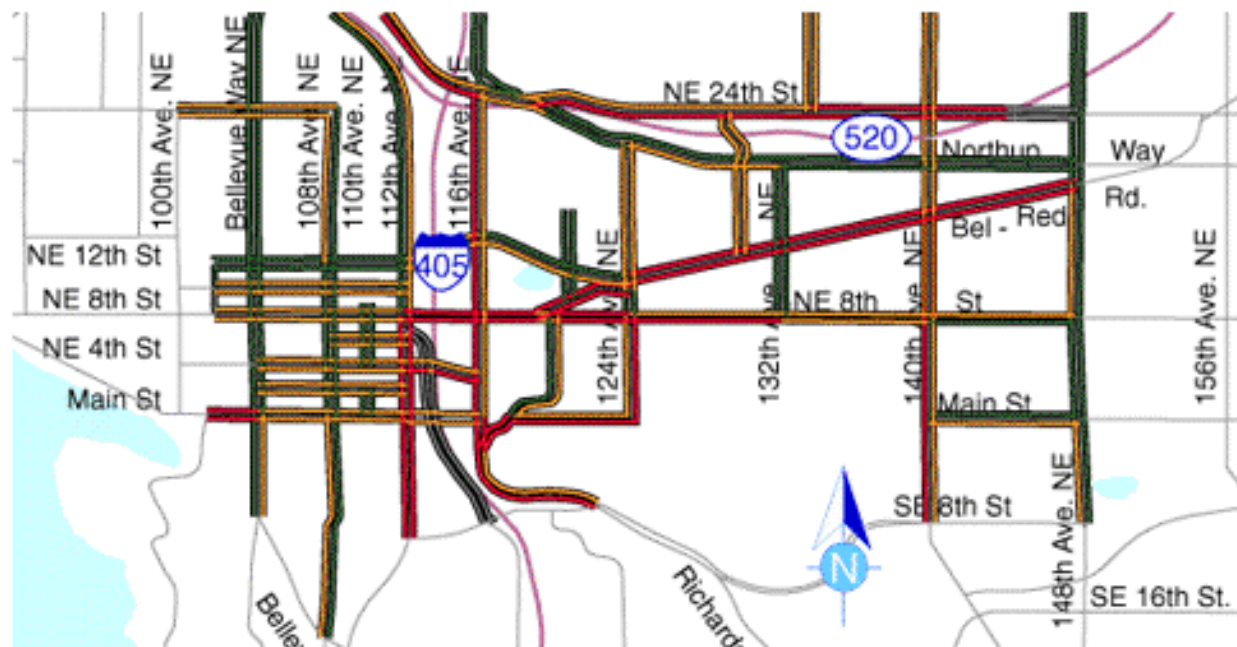
C. This figure shows traffic levels for each direction along the entire roadway (see bars).



↑ Light

C. This figure shows traffic levels for each direction along the entire roadway (see bars).

This format is  for making travel decisions.



# Engineering / Planning Professional Data Needs

- Traffic Volumes
  - Other Segment / Site Specifics
  - Facility Performance
  - Real Time
- 
- Simplest information needs similar to those of the general public

# Query the TDAD database

Sensor type: ☒ loops ☐ stations ☐ speed traps

Start time: Jan 1, 2000 0:00

Stop time: Jan 1, 2000 0:00

Choose sensors from the map or list:

Add to query

Remove

Row value filter (all fields optional):

speed  $\geq$   and speed  $\leq$   and

volume  $\geq$   and volume  $\leq$   and

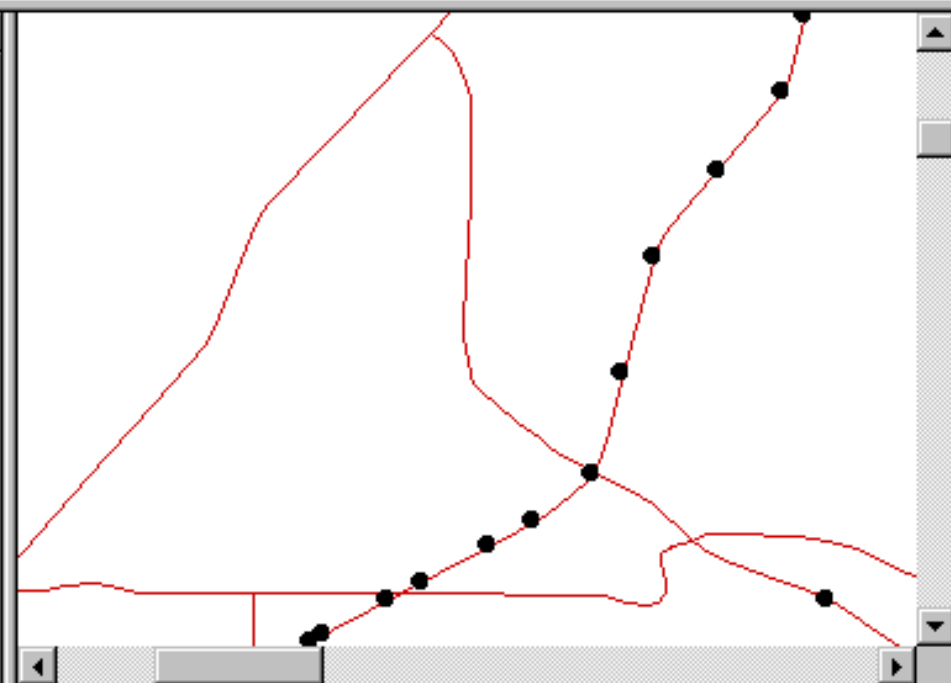
scan count  $\geq$   and scan count  $\leq$

Submit query



[TDAD FAQ](#) | [About the TDAD project](#)  
[sdd@its.washington.edu](mailto:sdd@its.washington.edu)

(June 14, 1999)



Jump to: [I-5](#) [SR-522](#) [SR-167](#) [SR-18](#) [SR-599](#)  
[SR-509](#) [SR-520](#) [I-405](#) [I-90](#) [SR-99](#)

## Cabinets on I-5

<a href="#">ES-055D</a>	152.82	S 184th St
<a href="#">ES-057D</a>	153.16	S 178th St
<a href="#">ES-059D</a>	153.48	S 172nd St
<a href="#">ES-061R</a>	154.14	518/Klickitat-SB
<a href="#">ES-067R</a>	154.65	Southcenter-NB
<a href="#">ES-068D</a>	154.68	S 154th St
<a href="#">ES-069D</a>	155.38	S 144th St
<a href="#">ES-070D</a>	155.85	SR 520-SB







Back



Forward



Stop



Refresh



Home




Search



Favorites



History

Address  <http://maclink.trac.washington.edu/~wesley/psrc/index.php3?index=King&su>

Links

Style:  Year:  Segm

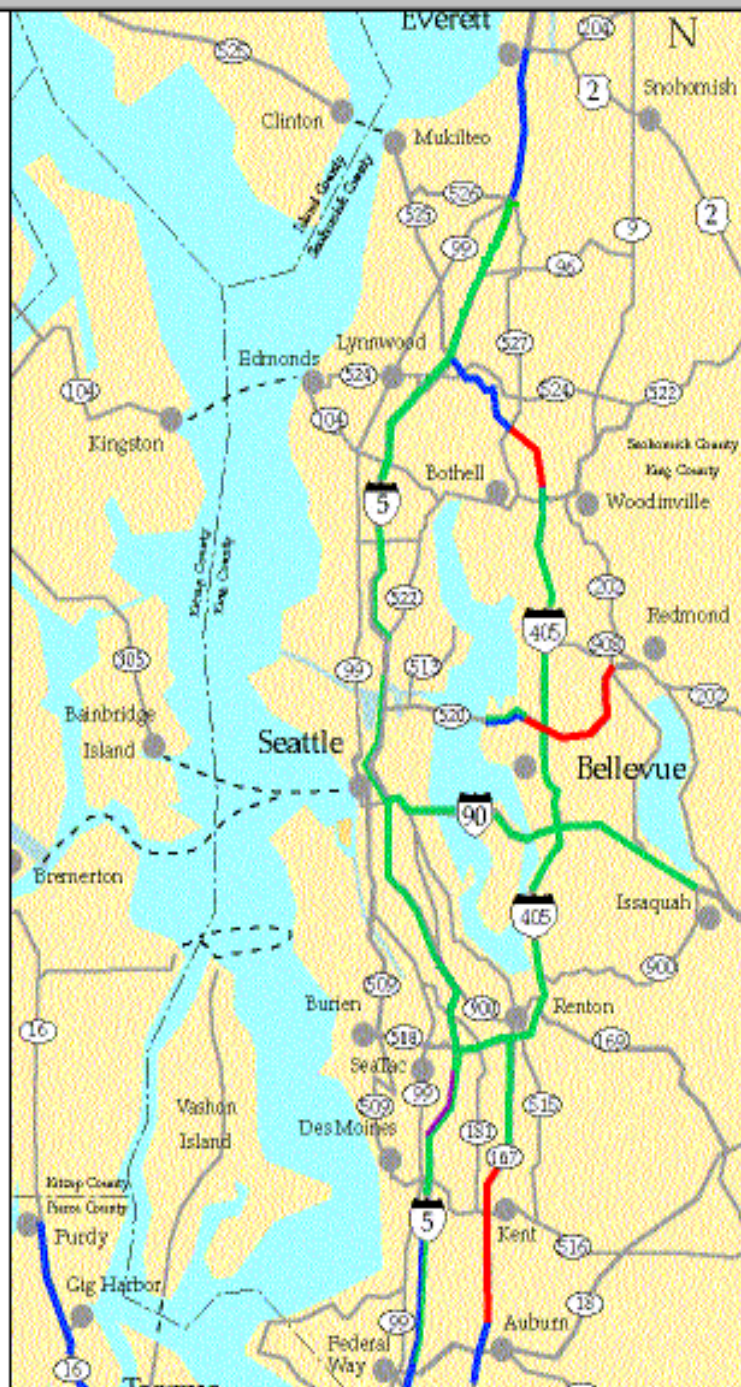
## Vehicle Volume

Segment ID: 653

Routename: I-405

Average Daily Traffic 0

North or West  
Bound AM 0North or West  
Bound PM 0South or East  
Bound AM 0South or East  
Bound PM 0



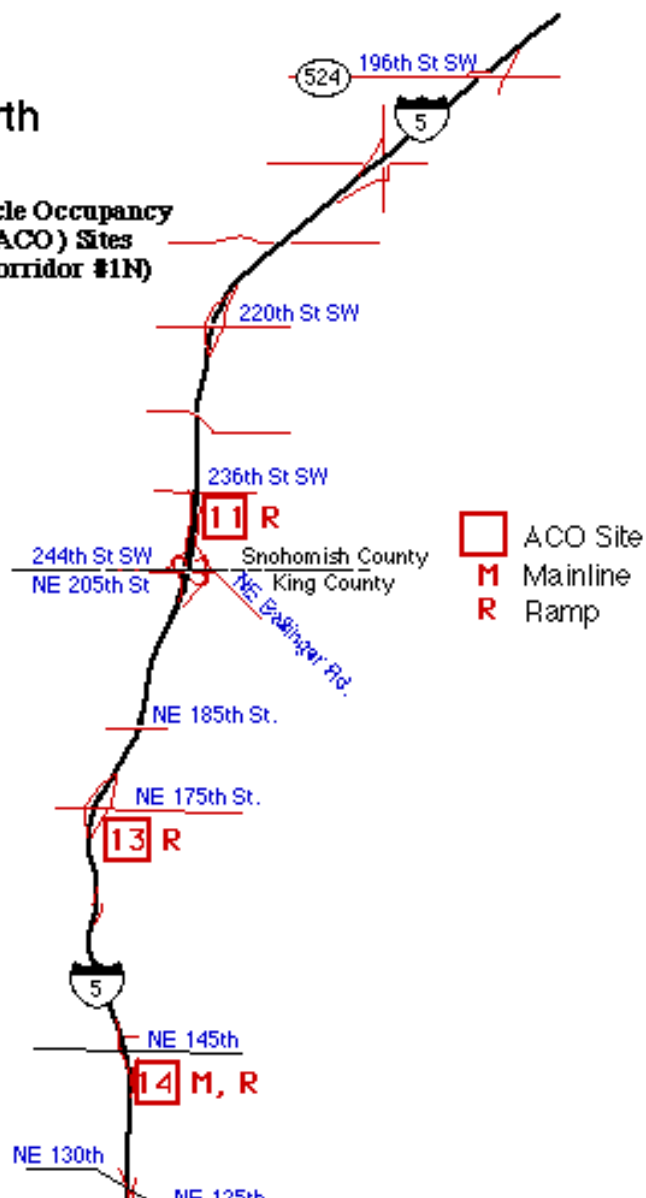
## HOV Evaluation and Monitoring Phase IV

Please click on a spot on the map to retrieve data for that location.



## I-5 North

N  
↑  
**Vehicle Occupancy  
(ACO) Sites  
(Corridor #1N)**

**Time Travel Data**

Please select a segment:

1

Please select a time:

Morning Peak

Please select the direction of traffic:

Northbound

Please select what quarters you wish to view:

- ☐ The Most Recent Quarter
- ☐ Last 4 Available Quarters
- ☐ All Quarters

**ACO Data**

Please select ACO site:

11

Please select a time:

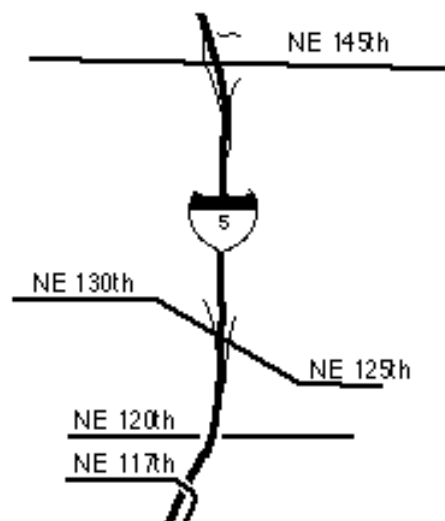
Morning Peak

Please select the direction of traffic:

Northbound

Please select what quarters you wish to view:

- ☐ The Most Recent Quarter
- ☐ Last 4 Available Quarters
- ☐ All Quarters



Highway: NorthI-5 Direction: Northbound Time: AM Corridor: 1

type	qrt	Minimum	Maximum	Median	Average	Stan.Dev.	90% above	% above45mph	#ofD.
GP	Q1/99	58	71	62	63	5	58	100.0%	5
HOV	Q1/99	58	66	62	62	2	60	100.0%	46

## ***Congestion Map Archive***

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Congestion maps have been archived on 10 minute intervals and are available for download. Please use the form below to select the desired map:

**Maps Available  
Since:  
Nov 17, 1999**

<b>Select Map:</b> System-wide Map ▾	
<b>Month:</b> November ▾	<b>Hour:</b> 7 ▾
<b>Day:</b> 17 ▾	<b>Minute:</b> 00 ▾
<b>Year:</b> 1999 ▾	<b>AM/PM:</b> AM ▾

Go Get It!

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[\[Puget Sound Traffic Conditions\]](#) [\[Puget Sound Camera Snapshots\]](#)

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# Real-Time For Engineering Purposes

- Weather Data
  - Current road conditions
    - Determining the need for traveler alerts
    - Allows overlapping of traffic and weather
  - Forecast weather conditions
    - Operations (call out snow plows before it snows)
    - Keep motorists from getting in trouble (go home now)

# Real Time Road and Weather Traveler Information

## MAP OPTIONS

Choose one:

- Pass Info 
- Weather 
- Cameras 
- Radio Msg 

## OTHER OPTIONS


Choose one:

- Weather**
- Radar
- Satellite
- Warnings
- Tutorial
- Marine Info
- I-90 Info
- Help
- About
- Disclaimer
- Comments
- Links

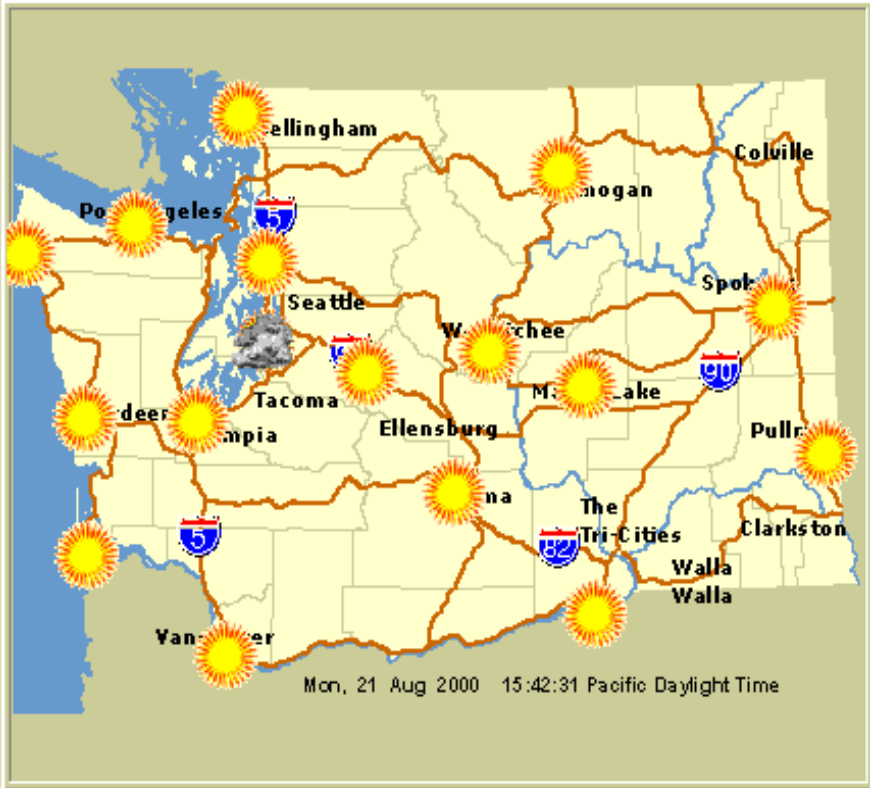
## WSDOT TRAVELER

**STATE VIEW**

Areas of Interest

Regions 

Local 



Mon, 21 Aug 2000 15:42:31 Pacific Daylight Time



Washington State  
Department of Transportation

1. In the left frame,  
click on any map option.



2. On the map,  
click on any symbol for information



OR

click on any area of interest to zoom in.



More [help](#).

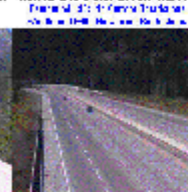
Information on this page is only supported  
during typical WSDOT business hours.



# I-90 Traveler Information

University of Washington  
Washington State  
Department of Transportation

Click on a small image to view as larger image to the right



I-90 Midspan

I-90/SR900

Denny Creek

West Summit

Hyak East

Easton Hill



© WSDOT

Aug 21, 2000

☒ Current Conditions

Updated at: 3:40 PM Mon Aug 21

☐ Forecast Conditions

Road temperature

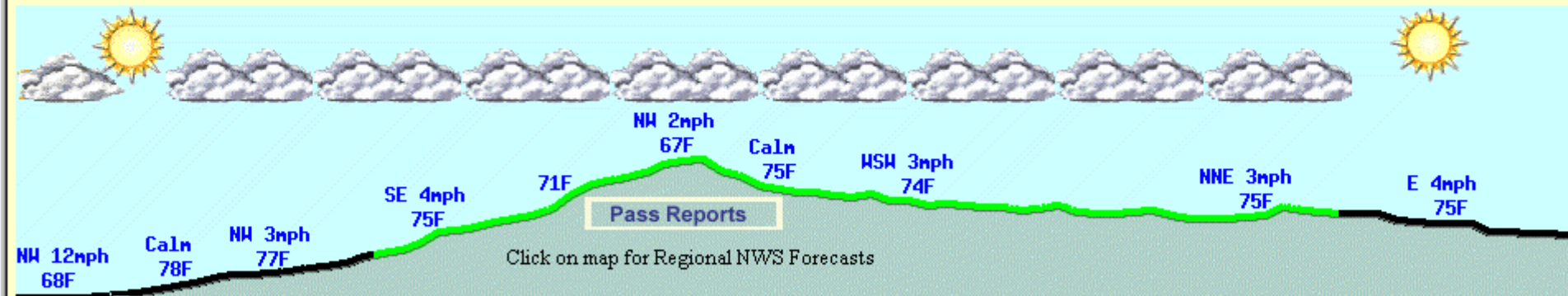
Missing

Below 35F

35 to 38F

Above 38F

Air temperature and wind speed in blue



Click on map for Regional NWS Forecasts

Pass Reports

Seattle Issaquah North Bend Homestead Denny Creek Snoqualmie Pass Price Creek Easton Hill Elk Heights Ellensburg

Radar

Page Guide

Wa State Road Weather

Ferry Weather

Traffic Info

# Document Distribution

- Self Publishing
  - Allows more widespread distribution
  - Allows archiving of documentation without extensive storage space
- Web Allows Inexpensive Use of Color
  - User pays cost of printing
  - More descriptive analysis

## TRAC Reports:

[Author List](#) | [Subject List](#) | [Reports Available Online](#)

The following reports are available online in portable document format (PDF). Acrobat Reader 3.0 or later is required to view them; [click here to download](#) the free application from [Adobe Systems](#). Configure your browser's preferences to enable Acrobat Reader as a helper application. Contact [Ron Porter](#) (206.543.3341) for help.

Click on a title to view the report:

### June 2000

[Busview: an APTS Precursor and a Deployed Applet](#) (WA-RD 467.1)  
D. J. Dailey, S. Maclean, and I. Pao; ITS Research Program, University of Washington

[Potential Use of Puget Sound HOV Lanes by General Purpose Vehicles in Off-Peak Hours: A Summary Paper](#) (WA-RD 488.2)  
Mark E. Hallenbeck, Jennifer Nee, and John Ishimaru; University of Washington

### May 2000

[Weekend Freeway Performance and the Use of HOV Lanes on Weekends](#) (WA-RD 488.1)  
Mark E. Hallenbeck, Jennifer Nee, and John Ishimaru; University of Washington

### April 2000

[Video Image Processing to Create a Speed Sensor](#)  
D. J. Dailey and L. Li, ITS Research Program, University of Washington

# Web Publishing

- Use PDF files
  - easy conversion of documents and graphics into commonly readable formats
  - HTML also acceptable



# SR 520 Traffic Profile General Purpose Lanes 1997 Weekday Average

